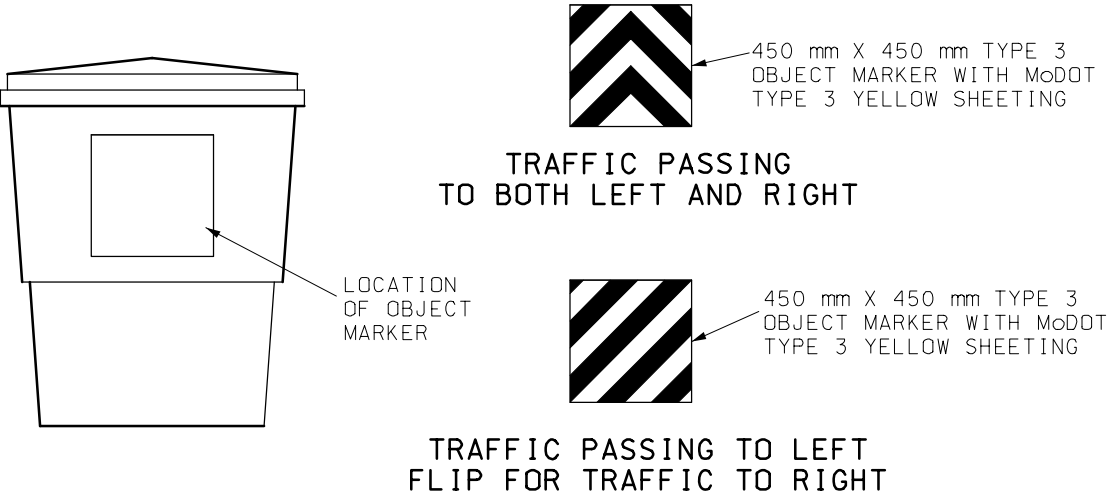
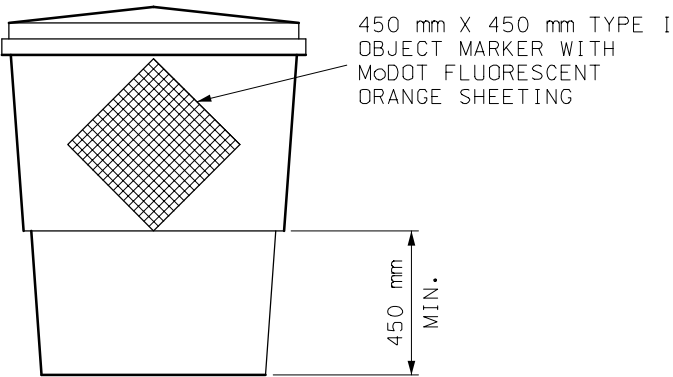


DESIGN SPEED	120 km/h	110 km/h	100 km/h	90 km/h	80 km/h	70 km/h	60 km/h	50 km/h	40 km/h
TOTAL LENGTH	12.630 m	11.565 m	9.435 m	8.370 m	7.305 m	6.240 m	5.175 m	4.110 m	3.045 m
RDW 12	1 @ 90 kg								
11	1 @ 90 kg	1 @ 90 kg							
10	1 @ 90 kg	1 @ 90 kg							
9	1 @ 90 kg	1 @ 90 kg	1 @ 90 kg						
8	1 @ 180 kg	1 @ 90 kg	1 @ 90 kg	1 @ 90 kg					
7	2 @ 90 kg	1 @ 180 kg	1 @ 90 kg	1 @ 90 kg	1 @ 90 kg				
6	2 @ 180 kg	2 @ 90 kg	1 @ 180 kg	1 @ 180 kg	1 @ 180 kg	1 @ 180 kg			
5	2 @ 180 kg	2 @ 180 kg	2 @ 180 kg	1 @ 320 kg	1 @ 320 kg	1 @ 320 kg	1 @ 320 kg		
4	2 @ 320 kg	2 @ 320 kg	2 @ 320 kg	2 @ 320 kg	1 @ 640 kg	1 @ 640 kg	1 @ 640 kg	1 @ 640 kg	
3	2 @ 640 kg	2 @ 640 kg	2 @ 640 kg	2 @ 640 kg	2 @ 640 kg	2 @ 640 kg	2 @ 640 kg	2 @ 640 kg	2 @ 640 kg
2	2 @ 640 kg	2 @ 640 kg	2 @ 640 kg	2 @ 640 kg	2 @ 640 kg	2 @ 640 kg	2 @ 640 kg	2 @ 640 kg	2 @ 640 kg
1	2 @ 960 kg	2 @ 640 kg	2 @ 640 kg	2 @ 640 kg	2 @ 640 kg	2 @ 640 kg	2 @ 640 kg	2 @ 640 kg	2 @ 640 kg
TOTAL WEIGHT	6560 kg	5560 kg	5290 kg	5160 kg	5070 kg	4980 kg	4800 kg	4480 kg	3840 kg
TOTAL NO. OF ATTEN.	19	17	14	12	10	9	8	7	6

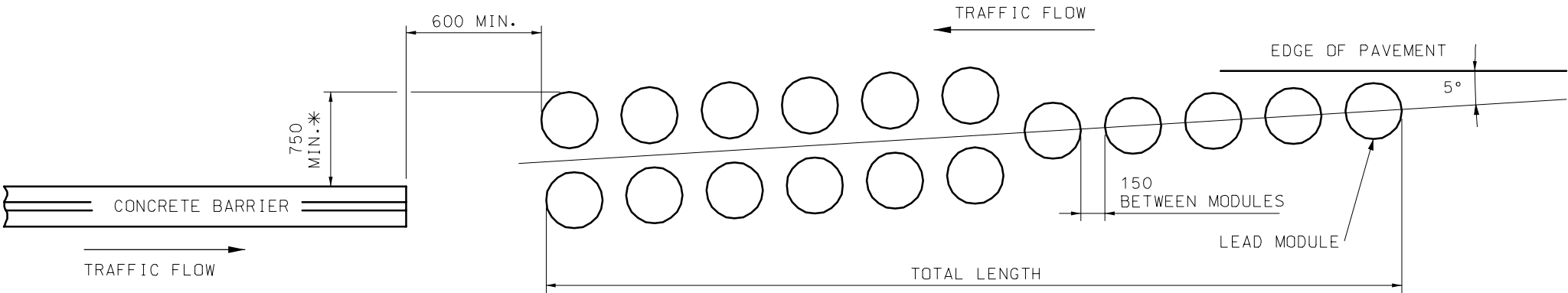
NOTE:
DESIGN SPEED IN CONSTRUCTION AREAS SHOULD BE BASED ON POSTED SPEED PRIOR TO CONSTRUCTION.



TYPE 3 OBJECT MARKER PLACEMENT FOR PERMANENT INSTALLATIONS



TYPE I OBJECT MARKER PLACEMENT FOR TEMPORARY INSTALLATIONS



* OFFSET ARRAY FOR BIDIRECTIONAL TRAFFIC

ATTENUATOR LAYOUT

GENERAL NOTES:
ALL DIMENSIONS SHOWN ARE IN mm UNLESS OTHERWISE NOTED.
OBJECT MARKERS SHALL BE CENTERED VERTICALLY OR PLACED AS DIRECTED BY THE ENGINEER.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION			
	SAND FILLED IMPACT ATTENUATORS		
DATE: _____	EFFECTIVE: 05-01-2006	M612.20C	1/1